

d) an optional aqueous liquid carrier; and

e) adjunct ingredients;

a1 wherein said capped nonionic surfactant is selected from the group of compounds, including mixtures of compounds, described by $C_xEO_yBO_z$; wherein x is 8 to 16; y is 4 to 14; z is less than or equal to 2.

10. (New) A detergent composition according to Claim 1, wherein said composition is a granular laundry composition comprising:

a) said capped nonionic surfactant with an X/Y number greater than 1.00;

b) said conventional detergent additive; and

c) said co-surfactant;

wherein the granular laundry composition is in the form of a granule with a bulk density of from about 100 g/l to about 1400 g/l.

a2 11. (New) A detergent composition according to Claim 1, wherein said composition is a nonaqueous heavy duty liquid laundry detergent composition in the form of a stable suspension of solid, substantially insoluble particulate material dispersed throughout a structured, surfactant-containing liquid phase, wherein said composition comprises:

a) from about 55% to 98.9% by weight of said composition of a structured, surfactant-containing liquid phase formed by combining:

i) from about 1% to 80% by weight of said liquid phase of one or more nonaqueous organic diluents; and

ii) from about 20% to 99% by weight of said liquid phase of a surfactant system comprising surfactants selected from the group consisting of anionic, nonionic, cationic surfactants and combinations thereof;

wherein said surfactant system comprises at least about 10%, by weight of a capped nonionic surfactant with an X/Y number greater than 1.00.

12. (New) A detergent composition according to Claim 1, wherein said composition is an aqueous heavy duty liquid laundry detergent composition comprising:

a) said capped nonionic surfactant with an X/Y number greater than 1.00;

b) said conventional detergent additive; and

c) said aqueous liquid carrier.

13. (New) A detergent composition according to Claim 1, wherein said composition is a light duty liquid detergent composition comprising:

a) said capped nonionic surfactant with an X/Y number greater than 1.00;

b) said conventional detergent additive; and

c) said co-surfactant;

wherein the light duty liquid detergent composition is in the form of a liquid, gel, or liqui-gel and the pH (as measured as 10% aqueous solution) is from about 5.0 to about 12.5.

14. (New) A detergent composition according to Claim 1, wherein said composition is a shampoo or personal cleansing composition comprising:

a) said capped nonionic surfactant with an X/Y number greater than 1.00;

b) said co-surfactant;

c) said adjunct ingredient is a shampoo composition adjunct ingredient;

wherein said shampoo or personal cleansing composition is in the form of a liquid, gel or liqui-gel.

15. (New) A detergent composition according to Claim 1, wherein said composition is a hard surface cleansing composition comprising:

a) said capped nonionic surfactant with an X/Y number greater than 1.00;

b) said co-surfactant;

c) said adjunct ingredient is a surface cleanser adjunct ingredient;

wherein said composition is in the form of a liquid, gel or liqui-gel.

16. (New) The composition according to Claim 1 wherein said capped nonionic surfactant is selected from the group consisting of C9,11PO3EO13PO15; C9,11PO3EO13BO6; C9,11PO3EO13BO3; C9,11EO13BO6; C9,11EO13BO3; C9,11BO1EO13BO3; C9,11EO8BO3; C12,15EO7BO2; C9,11EO8BO2; C9,11EO8BO1; C12,13EO6.5TBO1; C9,11EO8C(CH3)2CH2CH3; C11/15EO15PO6C12/14; C9,11EO8(CH2)4CH3; and mixtures thereof.

17. (New) The granular bleaching detergent according to Claim 10 wherein the bleach activator is selected from the group consisting of TAED, NOBS, amino-derived bleach activators, acyl lactam activators and mixtures thereof, and wherein further the bleach is selected from the group consisting of perborate, percarbonate, and mixtures thereof.

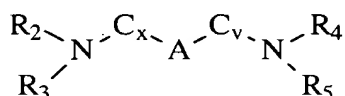
18. (New) The composition according to Claim 10 wherein the composition has a bulk density of at least 600g/litre.

19. (New) The detergent compositions according to Claim 10 wherein said co-surfactant comprises linear or branched-chain anionic surfactants selected from the group consisting of alkyl alkoxylated sulfates, alkyl sulfates, alkyl benzenesulfonates, and mixtures thereof.

20. (New) The granular detergent composition according to Claim 10 wherein said conventional detergent additive comprises:
- (a) from about 0.1% to about 30% by weight of a bleach; and
 - (b) from about 0.1% to about 60% by weight of a bleach activator.
21. (New) The detergent composition according to Claim 20, wherein said bleach activator is selected from the group consisting of (6-octanamido-caproyl) oxybenzenesulfonate, (6-nonanamidocaproyl) oxybenzenesulfonate, (6-decanamido-caproyl) oxybenzenesulfonate, and mixtures thereof.
22. (New) The detergent composition according to Claim 11, wherein said particulate material comprises from about 0.01% to about 50% by weight of the composition, said particulate material ranging in size from about 0.1 to about 1500 microns, and is selected from the group consisting of peroxygen bleaching agents, bleach activators, colored speckles, organic detergent builders, inorganic alkalinity sources, and mixtures thereof.
23. (New) The detergent composition according to Claim 11, wherein said surfactant system comprises from about 35% to about 70% of the non-aqueous liquid phase.
24. (New) The detergent composition according to Claim 11, further comprising from about 0.1 to about 8%, by weight of an alkyl dimethyl amine oxide and from about 0.05 to about 2%, by weight of magnesium ions.
25. (New) The detergent composition according to claim 11, further comprising 6-nonylamino-6-oxoperoxypropionic acid
26. (New) The detergent composition according to Claim 12, wherein said conventional detergent additive is selected from the group consisting of builders, bleaching compounds, polymeric dispersing agents, anti-redeposition agents polymeric soil release agents, enzymes, additional co-surfactants, and mixture thereof.
27. (New) The detergent composition according to Claim 13 wherein said co-surfactant is selected from the group consisting of, polyhydroxy fatty acid amides, betaines, sulfobetaines, alkyl polyglycosides, alkyl ethoxylates, amine oxides, and mixtures thereof.

28. (New) The detergent composition according to Claim 13 wherein said co-surfactant is selected from the group consisting of linear alkylbenzene sulfonate, alpha olefin sulfonate, paraffin sulfonates, methyl ester sulfonates, alkyl sulfates, alkyl alkoxy sulfate, alkyl sulfonates, alkyl alkoxyated sulfates, sarcosinates, taurinates, alkyl alkoxy carboxylate, and mixtures thereof.

29. (New) The detergent composition according to Claim 13 further comprising an organic diamine, wherein said diamine is selected from the group consisting of:



wherein R_{2-5} are independently selected from H, methyl, ethyl, and ethylene oxides; C_x and C_y are independently selected from methylene groups or branched alkyl groups where $x+y$ is from about 3 to about 6; and A is optionally present and is selected from electron donating or withdrawing moieties chosen to adjust the diamine pKa's to the desired range; wherein if A is present, then both x and y must be 2 or greater.

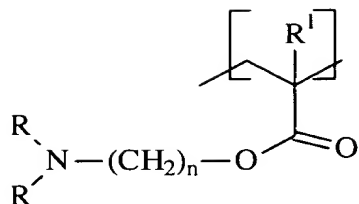
30. (New) The detergent composition according to Claim 31 wherein said diamine is selected from the group consisting of dimethyl aminopropyl amine, 1,6-hexane diamine, 1,3 propane diamine, 2-methyl 1,5 pentane diamine, 1,3-Pentanediamine, 1,3-diaminobutane, 1,2-bis(2-aminoethoxy)ethane, Isophorone diamine, 1,3-bis(methylamine)-cyclohexane, and mixtures thereof.

31. (New) The detergent composition according to Claim 13 further comprising from about 0.1% to about 15% by weight of a buffer with a pKa of from about 7 to about 10.

32. (New) The detergent composition according to Claim 31 wherein said buffer is selected from the group consisting of alkali metal carbonate, alkali metal phosphate, lysine, Tri(hydroxymethyl)amino methane, and mixtures thereof.

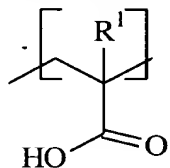
33. (New) The detergent composition according to Claim 13 further comprising a polymeric suds stabilizer selected from the group consisting of:

- i) homopolymers of (N,N-dialkylamino)alkyl acrylate esters having the formula:



wherein each R is independently hydrogen, C₁-C₈ alkyl, and mixtures thereof, R¹ is hydrogen, C₁-C₆ alkyl, and mixtures thereof, n is from 2 to about 6; and

ii) copolymers of (i) and



wherein R¹ is hydrogen, C₁-C₆ alkyl, and mixtures thereof; provided that the ratio of (ii) to (i) is from about 2 to 1 to about 1 to 2; and wherein said polymeric suds stabilizer has a molecular weight of from about 1,000 to about 2,000,000 daltons.

34. (New) The detergent composition according to Claim 14 wherein the co-surfactant is selected from the group consisting of anionic surfactants, cationic surfactants, nonionic surfactants, amphoteric surfactants, zwitterionic surfactants, and mixtures thereof.
35. (New) The detergent composition according to Claim 34 wherein said co-surfactant comprises linear or branched-chain anionic surfactants selected from the group consisting of alkyl alkoxyated sulfates, alkyl sulfates, alkyl benzenesulfonates, and mixtures thereof.
36. (New) The shampoo composition according to Claim 14 further comprising an antidandruff agent.
37. (New) The detergent compositions according to Claim 15 wherein said co-surfactant comprises linear or branched-chain anionic surfactants selected from the group consisting of alkyl alkoxyated sulfates, alkyl sulfates, alkyl benzenesulfonates, and mixtures thereof.
38. (New) The detergent composition according to Claim 1 comprising a deterative enzyme selected from the group consisting of proteases, lipases, cellulases, amylases, and mixtures thereof.